

tuner1_CTRL

Sym.Tuner Controller Platine

Stand: Juli 2017

<u>Qty</u>	<u>Value</u>	<u>Device</u>	<u>Package</u>	<u>Parts</u>	<u>Manuf.</u>	<u>PartNo.</u>
1	Stiftleiste 2-reihig	3 x 1		JP6	Reichelt	
2	Stiftleiste 2-reihig	10 x 2		JP2, JP3	Reichelt	
1	Stiftleiste 2-reihig	7 x 1		JP5	Reichelt	
1	100k	SMD Widerstand	R0603	R1	diverse	
				C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52		diverse
41	100n	SMD Kondensator X7R	C0603	C31	diverse	
1	100u/16	Elko stehend	RM2,5 DM7		diverse	
				R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37		diverse
36	10ohm	SMD Widerstand	R0603		diverse	
1	10u	SMD Kondensator X7R	C0603	C33	diverse	
1	10u	SMD Kondensator X7R	C0805	C32	diverse	
6	1u	SMD Kondensator X7R	C0603	C17, C29, C30, C34, C35, C36	diverse	
2	22p	SMD Kondensator NP0	C0603	C37, C38	diverse	
3	74HC595T16-13	Schieberegister	TSSOP16	IC1, IC2, IC3	diverse	
1	8MHz	SMD Quarz	6 x 3,5mm	CRY1	diverse	
1	Atmega88PA-AU	Microcontroller	TQFP32-08	IC6	diverse	
				D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D53		diverse
36	DIODE SMB	Universaldiode (z.B. 1N4148 o.ä)	SMB oder MELF		diverse	
1	LF50ABDR-TR	5V Spannungsregler	DPACK	IC9	diverse	
1	MAX232	RS232 TRANSEIVER	SO16	IC4	diverse	

				tuner1_CTRL		
				Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26, Q27, Q28, Q29, Q30, Q31, Q32, Q33, Q34, Q35, Q36		
36	N-CH_MOSFET	z.B. IRLML2502 oder anderer Typ mit <3V Schwellspannung	SOT23		diverse	
1	47uH Drossel	beliebige SMD Drossel		L17	z.B. Würth Elektronik	74451147